

**CMS**pp 301 pb<sup>-1</sup> (5.02 TeV)

b jets / inclusive jets

anti-k<sub>T</sub>, R = 0.4 jets  
100 < p<sub>T</sub><sup>jet</sup> < 120 GeV, | $\eta^{\text{jet}}$ | < 2Soft drop (charged particles)  
z<sub>cut</sub> = 0.1,  $\beta$  = 0, k<sub>T</sub> > 1 GeV

■ Data  
— Pythia8 CP5  
- - Pythia8 CP5 FSR up  
- . Pythia8 CP5 FSR down  
- . Herwig7 CH3

Ratio to data

■ Syst.⊕Stat.

0.4 0.3 0.2 0.1 0.05

R<sub>g</sub>

ln(R/R<sub>g</sub>)